

(FILE 'HOME' ENTERED AT 17:49:50 ON 20 NOV 2002)

FILE 'USPATFULL, EUROPATFULL, JAPIO, PATOSWO' ENTERED AT 17:50:31 ON 20  
NOV 2002

L1            0 S VITAMIN B12 PRODUCTION  
L2            1756 S VITAMIN B12  
L3            0 S L2 (A) PROPIONIBACTERIUM  
L4            1316 S PROPIONIBACTERIUM  
L5            0 S L2 (A) SYNTHESIS  
L6            36 S L2 AND L4  
L7            36 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

=>

ANSWER 18 OF 36 USPATFULL

AN 96:72786 USPATFULL

TI Method of producing vitamin B12 using rhizobium  
cobalaminogenum ferm BP-4429

IN Asahi, Satoru, Takatsuki, Japan  
Yano, Takahiko, Ikeda, Japan  
Doi, Muneharu, Takarazuka, Japan

PA Takeda Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)

PI US 5545538 19960813

AI US 1994-318555 19941005 (8)

PRAI JP 1993-250603 19931006

DT Utility

FS Granted

EXNAM Primary Examiner: Naff, David M.; Assistant Examiner: Ware, Deborah K.

LREP Wenderoth, Lind & Ponack

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

ANSWER 13 OF 36 USPATFULL

AN 1999:113609 USPATFULL

TI Production and use of compositions comprising high concentrations of  
vitamin B12 activity

IN Bijl, Hendrik Louis, Vlaardingen, Netherlands

PA Gist-Brocades, Delft, Netherlands (non-U.S. corporation)

PI US 5955321 19990921

AI US 1997-909715 19970812 (8)

PRAI NL 1996-202254 19960812  
NL 1997-200054 19970114

DT Utility

FS Granted

EXNAM Primary Examiner: Lilling, Herbert J.

LREP McDonnell Boehnen Hulbert & Berghoff

CLMN Number of Claims: 38

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 769

ER 10 OF 36 USPATFULL  
AN 2001:22207 USPATFULL  
TI Production and use of compositions comprising high concentrations of  
vitamin B12 activity  
IN Bijl, Hendrik Louis, Vlaardingen, Netherlands  
PA Gist-Brocades B.V., Netherlands (non-U.S. corporation)  
PI US 6187761 B1 20010213  
AI US 1999-232920 19990119 (9)  
RLI Division of Ser. No. US 1997-909715, filed on 12 Aug 1997, now  
patented,  
Pat. No. US 5955321  
PRAI NL 1996-202254 19960812  
NL 1997-200054 19970114  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Lilling, Herbert J.  
LREP McDonnell Boehnen Hulbert & Berghoff  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)  
LN.CNT 678

ER 10 OF 36 USPATFULL  
AN 2001:22207 USPATFULL  
TI Production and use of compositions comprising high concentrations of  
vitamin B12 activity  
IN Bijl, Hendrik Louis, Vlaardingen, Netherlands  
PA Gist-Brocades B.V., Netherlands (non-U.S. corporation)  
PI US 6187761 B1 20010213  
AI US 1999-232920 19990119 (9)  
RLI Division of Ser. No. US 1997-909715, filed on 12 Aug 1997, now  
patented,  
Pat. No. US 5955321  
PRAI NL 1996-202254 19960812  
NL 1997-200054 19970114  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Lilling, Herbert J.  
LREP McDonnell Boehnen Hulbert & Berghoff  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)  
LN.CNT 678